

Serial No.: 09/886,175
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IN THE CLAIMS

The listing of the claims will replace all prior versions and listings of claims in this application:

Listing of Claims

Claim 1. (currently amended) A process for decontaminating water, comprising:

selecting as water decontaminate a sorbent material that binds anionic species predominantly through the formation of surface complexes, said sorbent material comprising a composition including formula $(AB_2X_4)_n$ wherein A is a divalent cation, B is a trivalent cation, X is an anion species and n is at least one,

wherein, said selected sorbent material is CuFe₂O₄;

and

decontaminating water by contacting said selected sorbent material with water containing anionic contaminates, the anionic contaminates being from the group consisting of species including chromium and species including arsenic, said decontaminating substantially removing the anionic contaminants.

Claims 2-15. (cancelled)